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From: John Lovell/R3/USEPA/US **To:** deborah.hoag@readingpa.org

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Delivered Date: 2/27/2009 10:26:29 AM

Subject: Fw: [statepretcoord] "Fluorochemical Mass Flows in a Municipal Wastewater Treatment Facility," by

Melissa M. Schultz, et al

More PFOA/PFOS stuff.

John Lovell
Pretreatment Coordinator
EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029
215-814-5790
215-814-2302 (fax)
----- Forwarded by John Lovell/R3/USEPA/US on 02/27/2009 10:24 AM -----

Below are links to an article within the National Institutes of Health "NIH Public Access" website, regarding the fate and transport of Fluorochemicals in a POTW [think PFCs, including PFOA and PFOS, etc.]: "Fluorochemical Mass Flows in a Municipal Wastewater Treatment Facility," by Melissa M. Schultz, et al., Published in final edited form as Environ Sci Technol., 2006 December 1; 40(23): 7350-7357.

Link to abstract: http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pmcentrez&artid=2556954 Link to 17-page article:

http://www.pubmedcentral.nih.gov/picrender.fcgi?artid=2556954&blobtype=pdf

This study was conducted on a full-scale POTW in Pacific Northwest. Flow-proportional 24-hr samples of raw influent, primary effluent, trickling filter efffluent, secondary effluent, finals effluent, and grab samples oof primary, thickened, activated, and anaerobically-digested sludge, over 10 days. Analysis by liquid chromatography electrospray-ionization tandem mass spectrometry.

Enjoy!

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Jan Pickrel
Water Permits Division, Industrial Branch
US Environmental Protection Agency

phone: (202) 564-7904. fax: (202) 564-6431. pickrel.jan@epa.gov ~*^*~*^*~*^*~*^*~*^*~